

FIG. 1

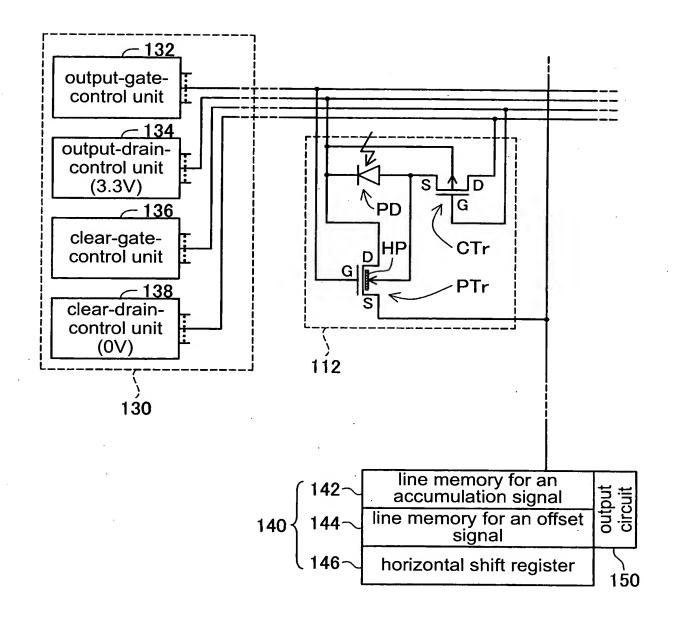
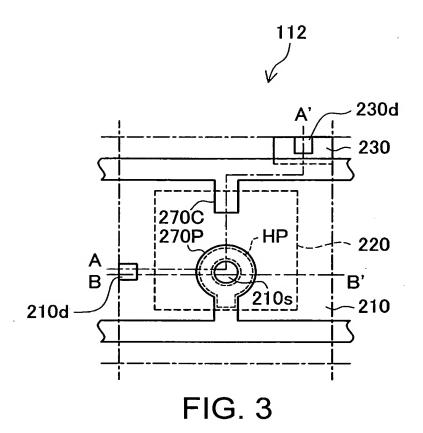


FIG. 2



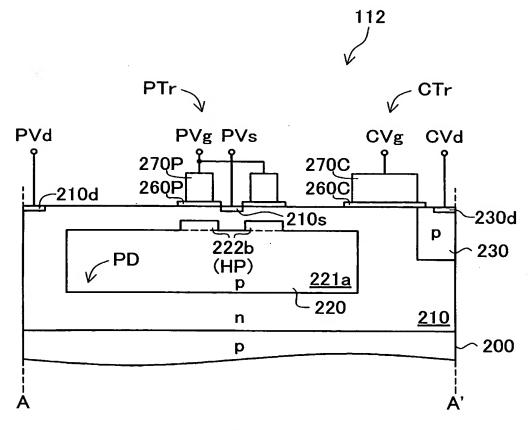


FIG. 4

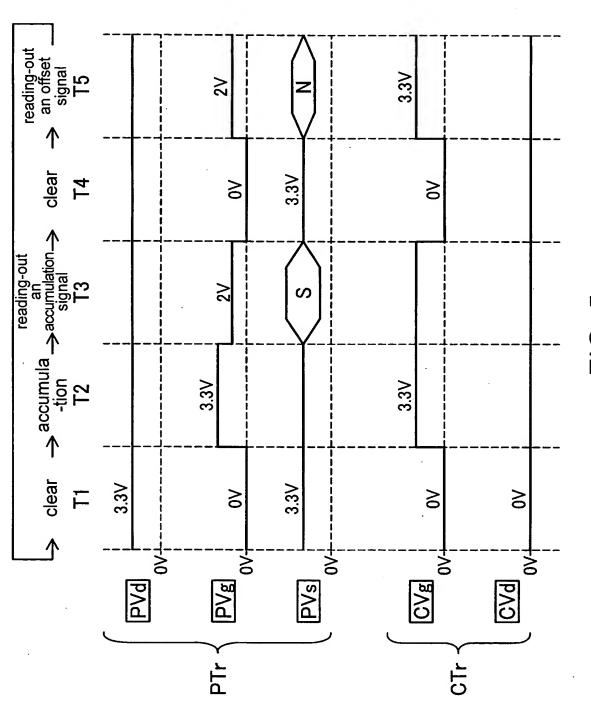


FIG. 5

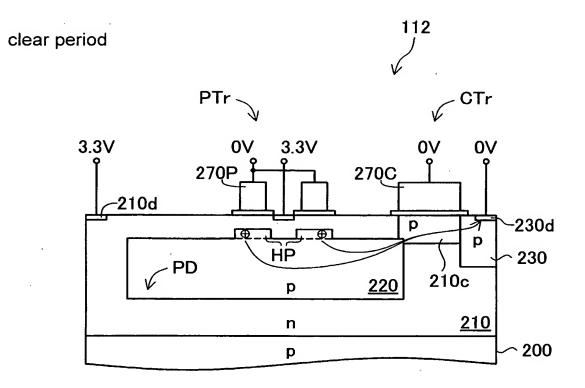


FIG. 6

112 accumulation period 3.3V 3.3V 3.3V 3.3V 0V 270P 27QC -210d -230d p ΗP 230 <u>220</u> p <u>210</u> n 200 p

FIG. 7

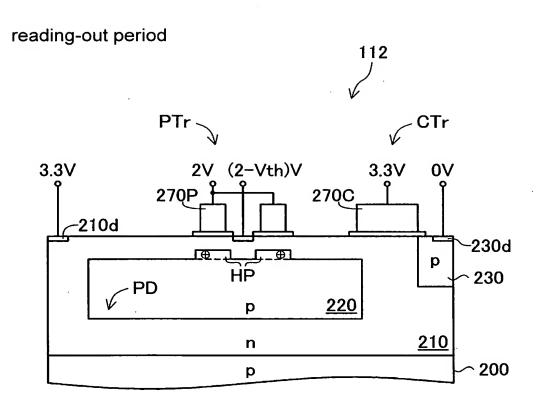


FIG. 8

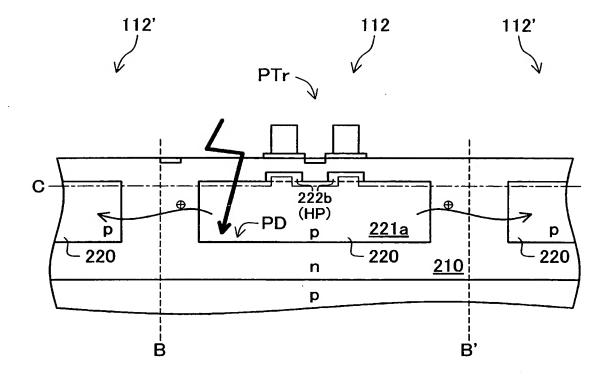


FIG.9A

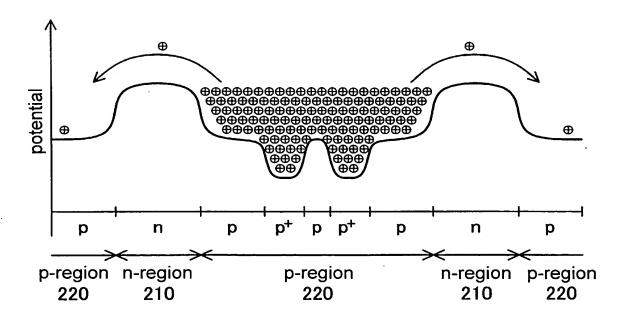


FIG.9B

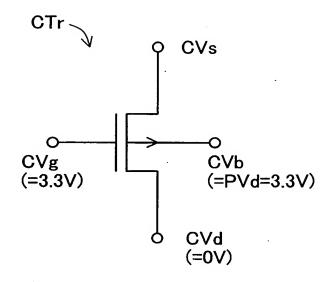


FIG.10

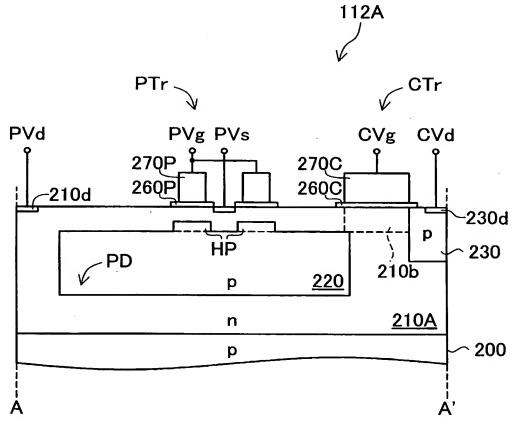


FIG.11

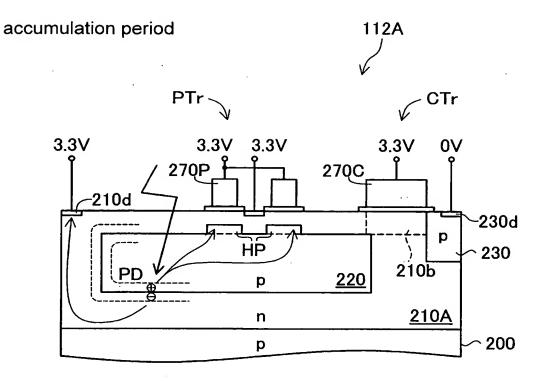


FIG.12A

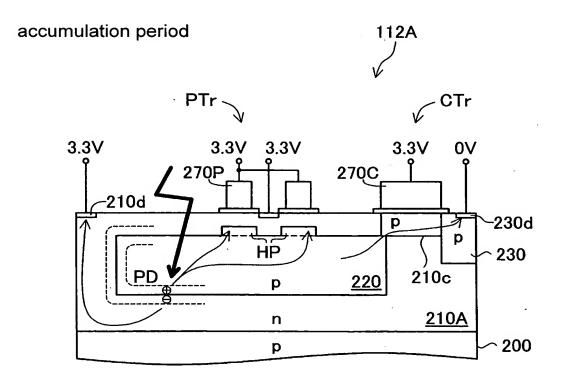


FIG.12B

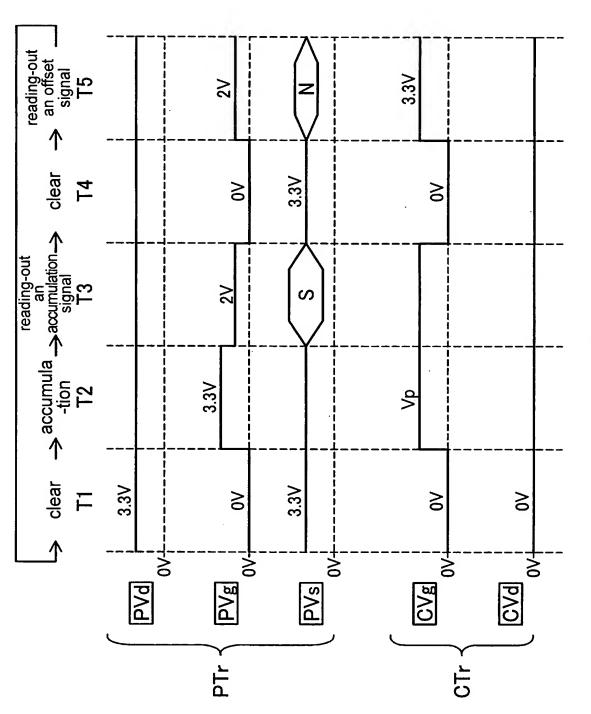
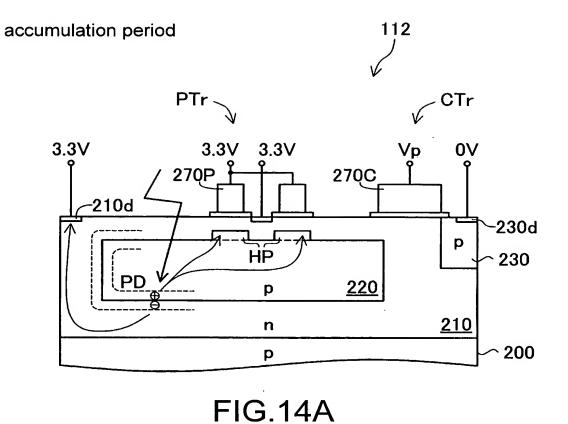


FIG.13



accumulation period 112 PTr CTr 3.3V 3.3V 3.3V 0V 270P 27QC -210d -230d p HP 230 210c 220 p <u>210</u> n 200 p

FIG.14B